κB-responsive sequences of a gene known to be subject to NF-κB regulation. Further, NF-κB responsive reporter constructs are commercially available from, for example, CLONTECH.

3. On page 58 of the specification, please replace the paragraph extending from lines 16 – 26 with the following replacement paragraph:

Specific oligonucleotide primers were synthesized on the basis of the sequence of the GPR86 human receptor: a sense primer 5'-CCGGAATTCACCATGAACACCACAGTGATGC-3' (SEQ ID NO: 4) and an antisense primer 5'-CTTGTCTAGATCAGCCTAAGGTTATGTTGTC-3' (SEQ ID NO: 5). A polymerase chain reaction (PCR) was performed on three different spleen cDNAs using the Platinum Pfx DNA Polymerase. The amplification conditions were as follows: 94°C, 15 s; 50°C, 30 s; 68°C, 2 min for 35 cycles. Amplifications resulted in a fragment of 1 kilobase containing the entire coding sequence of the GPR86 gene. The coding sequence was then subcloned between the EcoRI and XbaI sites of the bicistronic pEFIN5 expression vector and sequenced on both strands for each of the three cDNAs using the BigDye Terminator cycle sequencing kit (Applied Biosystems, Warrington, Great Britain).

4. Please replace the paragraph on page 59 from lines 25- 33 and on page 60 from lines 1-5 with the following replacement paragraph:

Reverse transcription-polymerase chain reaction (RT-PCR) experiments were carried out using a panel of polyA+ RNA (Clontech). The GPR86 primers were as follows: GPR86 sense primer (5'-TGTGTCGTTTTTCTTCGGTG-3') (SEQ ID NO: 6) and GPR86 antisense primer (5'-CTGCCAAAAAGAGAGTTG-3') (SEQ ID NO: 7). The expected size of the amplified DNA band was 575 bp. Two primers synthesized on the basis of aldolase coding sequence were used as controls to produce a product with an expected size of 443 bp: aldolase sense primer 5'-GGCAAGGGCATCCTGGCTGC-3' (SEQ ID NO: 8) and aldolase antisense reverse 5'-TAACGGGCCAGAACATTGGCATT-3' (SEQ ID NO: 9). Approximately 75 ng of poly A+ RNA was reverse transcribed with Superscript II (Life Technologies, Inc., Merelbeke, Belgium) and used for PCR. PCR was performed using the Taq polymerase under the following conditions: denaturation at 94°C for 3 min, 38 cycles at 94°C for 1 min, 58°C for 2 min and 72°C for 2 min. Aliquots (10 µl) of the PCR reaction were analysed by 1% agarose gel electrophoresis.

REMARKS

Applicants submit that herewith is a sequence listing in compliance with 37 C.F.R. §1.821-1.825, including an initial paper copy and a computer readable form as required by the Notice to File Missing Parts. Applicants request that the above amendments be incorporated into the said application. A separate sheet is attached which shows the changes made to the original paragraphs amended herein.

The amendments to the specification are made solely to add sequence identifiers referring to the sequences listed in the sequence listing. The amendments add no new matter. In accordance with 37 C.F.R. §1.821 (f), applicants hereby state that the paper copy and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are supported in the application and contain no new matter. Applicants further